

IN THE CLAIMS

Claims 1, 10, and 19 are amended as indicated below. This listing of claims will replace all prior versions of claims in the application.

1 1. (currently amended) A method for preventing ~~at least in part~~ a hacker from
2 performing unwanted activities in a computer system comprising the steps of:

3 receiving a request to provide a service from a user;

4 determining if said request was transmitted from a user space or a kernel
5 space of a memory space of said computer system, wherein if said request was
6 transmitted from said user space then said user is an unauthenticated user; and

7 determining if said request from said unauthenticated user fails to satisfy a
8 security requirement for unauthenticated requests, wherein if said request from said
9 unauthenticated user fails to satisfy said security requirement for unauthenticated
10 requests then said request is not serviced.

1 2. (original) The method as recited in claim 1, wherein if said request from said
2 unauthenticated user does not fail to satisfy said security requirement for said
3 unauthenticated requests then said request is serviced.

1 3. (original) The method as recited in claim 1, wherein if said request was from
2 said kernel space then the method further comprises the step of:

3 determining whether said request was transmitted from a manager in said
4 kernel space configured to establish a secure authorized connection between said user
5 and said kernel space if said user is authorized.

1 4. (original) The method as recited in claim 3, wherein if said request was not
2 transmitted from said manager then said user is said unauthenticated user, wherein the
3 method further comprises the step of:

4 determining whether said request satisfies said security requirement for
5 unauthenticated requests.

1 5. (original) The method as recited in claim 4, wherein if said request does not
2 satisfy said security requirement for unauthenticated requests then said request is not
3 serviced.

1 6. (original) The method as recited in claim 4, wherein if said request satisfies said
2 security requirement for unauthenticated requests then said request is serviced.

1 7. (original) The method as recited in claim 3, wherein if said request was
2 transmitted from said manager then said user is an authenticated user, wherein the
3 method further comprises the step of:

4 determining whether said request satisfies a security requirement for
5 authenticated requests.

1 8. (original) The method as recited in claim 7, wherein if said request does not
2 satisfy said security requirement for authenticated requests then said request is not
3 serviced.

1 9. (original) The method as recited in claim 7, wherein if said request satisfies said
2 security requirement for authenticated requests then said request is serviced.

1 10. (currently amended) A computer program product having a computer
2 readable medium having computer program logic recorded thereon for preventing at
3 ~~least in part~~ a hacker from performing unwanted activities in a computer system,
4 comprising:

5 programming operable for receiving a request to provide a service from a
6 user;

7 programming operable for determining if said request was transmitted from a
8 user space or a kernel space of a memory space of said computer system, wherein if
9 said request was transmitted from said user space then said user is an unauthenticated
10 user; and

11 programming operable for determining if said request from said
12 unauthenticated user fails to satisfy a security requirement for unauthenticated
13 requests, wherein if said request from said unauthenticated user fails to satisfy said
14 security requirement for unauthenticated requests then said request is not serviced.

1 11. (original) The computer program product as recited in claim 10, wherein if said
2 request from said unauthenticated user does not fail to satisfy said security
3 requirement for said unauthenticated requests then said request is serviced.

1 12. (original) The computer program product as recited in claim 10, wherein if said
2 request was from said kernel space then the computer program product further
3 comprises:

4 programming operable for determining whether said request was transmitted
5 from a manager in said kernel space configured to establish a secure authorized
6 connection between said user and said kernel space if said user is authorized.

1 13. (original) The computer program product as recited in claim 12, wherein if said
2 request was not transmitted from said manager then said user is said unauthenticated
3 user, wherein the computer program product further comprises:

4 programming operable for determining whether said request satisfies said
5 security requirement for unauthenticated requests.

1 14. (original) The computer program product as recited in claim 13, wherein if said
2 request does not satisfy said security requirement for unauthenticated requests then
3 said request is not serviced.

1 15. (original) The computer program product as recited in claim 13, wherein if said
2 request satisfies said security requirement for unauthenticated requests then said
3 request is serviced.

1 16. (original) The computer program product as recited in claim 12, wherein if said
2 request was transmitted from said manager then said user is an authenticated user,
3 wherein the computer program product further comprises:

4 programming operable for determining whether said request satisfies a
5 security requirement for authenticated requests.

1 17. (original) The computer program product as recited in claim 16, wherein if said
2 request does not satisfy said security requirement for authenticated requests then said
3 request is not serviced.

1 18. (original) The computer program product as recited in claim 16, wherein if said
2 request satisfies said security requirement for authenticated requests then said request
3 is serviced.

1 19. (currently amended) A system, comprising:
2 a processor;
3 a memory unit storing a computer program operable for preventing ~~at least in~~
4 ~~part~~ a hacker from performing unwanted activities in said system; and
5 a bus system coupling the processor to the memory unit, wherein the
6 computer program is operable for performing the following programming steps:
7 receiving a request to provide a service from a user;
8 determining if said request was transmitted from a user space or a
9 kernel space of a memory space of said system, wherein if said request was
10 transmitted from said user space then said user is an unauthenticated user; and
11 determining if said request from said unauthenticated user fails to
12 satisfy a security requirement for unauthenticated requests, wherein if said
13 request from said unauthenticated user fails to satisfy said security
14 requirement for unauthenticated requests then said request is not serviced.

1 20. (original) The system as recited in claim 19, wherein if said request from said
2 unauthenticated user does not fail to satisfy said security requirement for said
3 unauthenticated requests then said request is serviced.

1 21. (original) The system as recited in claim 19, wherein if said request was from
2 said kernel space then the computer program is further operable for performing the
3 following programming step:
4 determining whether said request was transmitted from a manager in said
5 kernel space configured to establish a secure authorized connection between said user
6 and said kernel space if said user is authorized.

1 22. (original) The system as recited in claim 21, wherein if said request was not
2 transmitted from said manager then said user is said unauthenticated user, wherein the
3 computer program is further operable for performing the following programming
4 step:

5 determining whether said request satisfies said security requirement for
6 unauthenticated requests.

1 23. (original) The system as recited in claim 22, wherein if said request does not
2 satisfy said security requirement for unauthenticated requests then said request is not
3 serviced.

1 24. (original) The system as recited in claim 22, wherein if said request satisfies said
2 security requirement for unauthenticated requests then said request is serviced.

1 25. (original) The system as recited in claim 21, wherein if said request was
2 transmitted from said manager then said user is an authenticated user, wherein the
3 computer program is further operable for performing the following programming
4 step:

5 determining whether said request satisfies a security requirement for
6 authenticated requests.

1 26. (original) The system as recited in claim 25, wherein if said request does not
2 satisfy said security requirement for authenticated requests then said request is not
3 serviced.

1 27. (original) The system as recited in claim 25, wherein if said request satisfies said
2 security requirement for authenticated requests then said request is serviced.